

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2025-09-23 09:44:18  
Date of Next Testing: 2029-09-22 09:44:18  
Product Name: **Manganese nitrate hydrate**  
CAS Number: 15710-66-4  
Specifications & Purity: ≥99.9% metals basis  
Lot #: I2517579  
SKU #: **M298730**  
Version: **1**  
Analysis #: **566164**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.93840 %
Trace Metals Analysis	0-1000 (ppm)	616.00000 ppm
ICP: Confirms Mn Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager